

IN THE CLAIMS:

1.-23. (Canceled)

24. (Previously Presented) A digital broadcast receiver comprising:

a tuner to receive a multiplexed signal coded according to a predetermined format including a plurality of video signals for a plurality of different video signal formats, and to correct at least one predetermined type of error of the multiplexed signal; and

a processor to extract data of a subject video signal from the multiplexed signal, to decode the subject video signal according to the predetermined format, and to output the decoded signal as a video signal corresponding to a format as indicated in the data of the subject video signal.

25. (Previously Presented) A digital broadcast receiver as claimed in claim 24, comprising a selectable encoder selectable to encode the subject video signal according to any of a plurality of video signal formats, and wherein the processor automatically selects the selectable encoder to output the video signal in an encoded format as indicated in the data of the subject video signal.

26. (Previously Presented) A digital broadcast receiver as claimed in claim 24, where the processor has capability to output the video signal as an analog video signal having a predetermined number of scanning lines.

27. (Previously Presented) A digital broadcast receiver as claimed in claim 24, where the multiplexed signal includes multiplexed video signals for both a standard definition format and a high definition signal format.

28. (Previously Presented) A digital broadcast receiver as claimed in claim 24, comprising a character unit for adding character information to at least one of the video signal and subject video signal, the character information indicated in the data of the subject video signal.

29. (Previously Presented) A digital broadcast receiver as claimed in claim 24, comprising a format-outputter to output in real-time, the type of format of the video signal being outputted from the digital broadcast receiver.

30. (Previously Presented) A digital broadcast receiver as claimed in claim 24, where the digital broadcast receiver is a television-based accessory.

31. (Previously Presented) A display unit for displaying a digital broadcast signal, comprising:

a tuner to receive a multiplexed signal coded according to a predetermined format including a plurality of video signals for a plurality of different video signal formats, and to correct at least one predetermined type of error of the multiplexed signal;

a processor to extract data of a subject video signal from the multiplexed signal, to decode the subject video signal according to the predetermined format,

and to output the decoded signal as a video signal corresponding to a format as indicated in the data of the subject video signal; and

a display which processes the video signal and displays the processed signal.

32. (Previously Presented) A display unit as claimed in claim 31, comprising a selectable encoder selectable to encode the subject video signal according to any of a plurality of video signal formats, and wherein the processor automatically selects the selectable encoder to output the video signal in an encoded format as indicated in the data of the subject video signal.

33. (Previously Presented) A display unit as claimed in claim 31, where the processor has capability to output the video signal as an analog video signal having a predetermined number of scanning lines.

34. (Previously Presented) A display unit as claimed in claim 31, where the multiplexed signal includes multiplexed video signals for both a standard definition format and a high definition signal format.

35. (Previously Presented) A display unit as claimed in claim 31, comprising a character unit for adding character information to at least one of the video signal and subject video signal, the character information indicated in the data of the subject video signal.

36. (Previously Presented) A display unit as claimed in claim 31, comprising a format-outputter to convey in real-time, the type of format of the video signal being outputted from the processor unit, to the display.

37. (Previously Presented) A display unit as claimed in claim 31, where the display unit is a television.

38. (Previously Presented) A television (TV) unit for displaying a digital broadcast TV signal, comprising:

a tuner to receive a multiplexed TV signal coded according to a predetermined format including a plurality of TV video signals for a plurality of different TV video signal formats, and to correct at least one predetermined type of error of the multiplexed TV signal;

a processor to extract data of a subject TV video signal from the multiplexed TV signal, to decode the subject TV video signal according to the predetermined format, and to output the decoded TV signal as a TV video signal corresponding to a format as indicated in the data of the subject TV video signal; and

a display which processes the TV video signal and displays the processed signal.

39. (Previously Presented) A TV unit as claimed in claim 38, comprising a selectable encoder selectable to encode the subject TV video signal according to any of a plurality of TV video signal formats, and wherein the processor automatically

selects the selectable encoder to output the TV video signal in an encoded format as indicated in the data of the subject TV video signal.

40. (Previously Presented) A TV unit as claimed in claim 38, where the processor has capability to output the TV video signal as an analog TV video signal having a predetermined number of scanning lines.

41. (Previously Presented) A TV unit as claimed in claim 38, where the multiplexed TV signal includes multiplexed TV video signals for both a standard definition TV format and a high definition TV signal format.

42. (Previously Presented) A TV unit as claimed in claim 38, comprising a character unit for adding character information to at least one of the TV video signal and subject TV video signal, the character information indicated in the data of the subject TV video signal.

43. (Previously Presented) A TV unit as claimed in claim 38, comprising a format-outputter to convey in real-time, the type of format of the TV video signal being outputted from the processor unit, to the display.

44. (New) A digital apparatus comprising:
an input terminal capable of receiving a video signal of different formats with plural packets and coded by a predetermined standard;

an isolator coupled to the input terminal to isolate one packet of the video signal;

a decoder to detect the format of the isolated one packet of the video signal and to decode according to the predetermined standard;

a video processor section which converts a decoded signal to an analog signal based on the detected format, and to output the converted analog signal.

45. (New) A digital apparatus as claimed in claim 44, wherein the video signal having the different formats is inputted to the input terminal.

46. (New) A digital apparatus as claimed in claim 44, comprising an output terminal which outputs the converted analog signal and information of the detected format.